

Page 2 of 9  
Application. No. 10/735,016  
Amendment A

**BEST AVAILABLE COPY**

**Amendments To The Claims**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claim 1 (Currently amended): A fiber optic device comprising:

an optical fiber;

a fiber core within the optical fiber having a fiber core cladding interface;

and

an angled polished end surface on an end of the optical fiber, the polished end surface at an acute angle other than 45 degrees from a side of the fiber, wherein light entering the fiber core is attenuated greater than the attenuation of light entering a fiber core of a similar optical fiber having an angled polished surface of 45 degrees.

Claim 2 (original): The apparatus of claim 1 further comprising: an active device operationally coupled to the optical fiber such that light from the active device is attenuated by the polished surface and reflected into the fiber core.

Claim 3 (original): The apparatus of claim 2 wherein the active device is a vertical cavity surface emitting laser.

Claim 4 (original): The apparatus of claim 2 wherein the active device is a light emitting diode.

Claim 5 (original): The apparatus of claim 2 wherein the polished end surface is at an angle between approximately 39 and 45 degrees from a side of the fiber.

Page 3 of 9  
Application No. 10/735,016  
Amendment A

## BEST AVAILABLE COPY

Claim 6 (original): The apparatus of claim 2 wherein the polished end surface is at an angle between approximately 45 and 51 degrees from a side of the fiber.

Claim 7 (original): The apparatus of claim 2 wherein the polished end surface is at an angle of approximately 40 degrees from a side of the fiber.

Claim 8 (original): The apparatus of claim 2 wherein the polished end surface is at an angle sufficient to avoid saturation of an opto-electronic receiver.

Claim 9 (Currently amended): A fiber optic device comprising:  
a plurality of optical fibers operationally coupled together to form an opto-electronic array module;  
a fiber core within each of the optical fibers, the fiber core having a fiber core cladding interface; and  
an angled polished end surface on at least two of the optical fibers, the polished end surface at an acute angle other than 45 degrees from a side of the fiber, wherein light entering the fiber core is attenuated greater than the attenuation of light entering a fiber core of a similar optical fiber having an angled polished surface of 45 degrees.

Claim 10 (original): The apparatus of claim 9 further comprising: an active device operationally coupled to the optical fibers such that light from the active device is attenuated by the angled polished end surface and reflected into the fiber core.

Claim 11 (original): The apparatus of claim 10 wherein the active device is a vertical cavity surface emitting laser.

## BEST AVAILABLE COPY

Page 4 of 9  
Application No. 10/735,016  
Amendment A

Claim 12 (original): The apparatus of claim 10 wherein the active device is a light emitting diode.

Claim 13 (original): The apparatus of claim 10 wherein the polished end surface is at an angle between approximately 39 and 45 degrees from a side of the fiber.

Claim 14 (original): The apparatus of claim 10 wherein the polished end surface is at an angle between approximately 45 and 51 degrees from a side of the fiber.

Claim 15 (original): The apparatus of claim 10 wherein the polished end surface is at an angle of approximately 40 degrees from a side of the fiber.

Claim 16 (original): The apparatus of claim 10 wherein the polished end surface is at an angle sufficient to avoid saturation of an opto-electronic receiver.

Claims 17 -22 (canceled)